

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : Unassigned  
Applicant : SPECTOR et al.  
Filed : March 10, 2004  
TC/A.U. : 1647  
Examiner : S. Gucker

Docket No. : 1194-176  
Customer No. : 06449  
Confirmation No. :

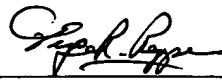
**INFORMATION DISCLOSURE STATEMENT**

Director of the United States Patent  
and Trademark Office  
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Alexandria, Virginia 22313-1450

Dear Sir:

The material listed on the accompanying form PTO-1449, from the parent application having U.S. serial Number 09/885,537, is cited in compliance with the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98. Applicants respectfully request that the Examiner consider these references with respect to the present application. Copies of these references can be found with the parent application and, accordingly, will not be resubmitted unless requested by the Examiner.

Respectfully submitted,

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<i>Complete if Known</i>			
				Application Number			
				Filing Date	March 10, 2004		
				First Named Inventor	SPECTOR et al.		
				Group Art Unit	1647		
				Examiner Name	Stephen Gucker		
Sheet	1	of	3	Attorney Docket Number	1194-176		
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY		
		Number	Kind Code <sup>2</sup> (if known)				
	1	6,221,109	B1	Geistlich et al.	04/24/2001		
	2	5,573,771		Geistlich et al	11/12/1996		
	3	5,429,938		Humes	07/04/1995		
	4	6,090,117		Shimizu	07/2000		
	5	5,837,278		Geistlich et al.	11/1998		
	6	4,778,467		Stensaas et al.	10/1998		
	7	4,013,078		Feild	03/22/1977		
	8	5,611,354	A	Alleyne	03/18/1997		
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	10	5,830,493	A	Yokota et al.	11/03/1998		
	11	4,870,966		Dellon et al.	10/03/1989		
	12	4,877,029		Valentini et al.	10/31/1989		
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			
	13	EP	0 943 346	A1	Tapic International Co., Ltd	09/22/1999	
	14	EP	0 945 145	A1	Tapic International Co., Ltd	09/22/1999	
	15	WO	95/18638	A1	Ed Geistlich Soehne Ag fuer chemische Industrie	07/13/1995	
	16	WO	99/63908	A1	Tapic International Co., Ltd	12/16/1999	
	17	WO	93/10722	A3	Research Develop. Foundation	06/10/1993	
Examiner Signature					Date Considered		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

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				Examiner Name	Stephen Gucker
Sheet	2	of	3	Attorney Docket Number	1194-176
<b>OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
	18	YUTAKA HIRAIZUMI, MD, PhD, et al., Application of Polyvinyl Alcohol Hydrogel Membrane as Anti-adhesive Interposition After Spinal Surgery, SPINE, 1995, 2272-2277, vol. 20, no. 21, Lippincott-Raven Publishers.			
	19	L.J. CHAMBERLAIN et al., Early peripheral nerve healing in collagen and silicone tube implants: Myofibroblasts and the cellular response, <i>Biomaterials</i> , 1998, 1393-1403, vol. 19, Elsevier Science Ltd.			
	20	HENTZ, et al., <i>J. Hand Surgery, American Volume</i> , Vol. 18, 417-425. (Abstract Only)			
	21	ROSEN et al., <i>Annals of Plastic Surgery</i> , Vol. 22, 467-478. (Abstract Only)			
	22	TONGE, DA, et al., "Effects of extracellular matrix components on axonal outgrowth from peripheral nerves of adult animals in vitro", (1997) <i>Experimental Neurology</i> , 146: 81-90			
	23	EPODOC Abstract and WPI Abstract of Cite No. AC			
Examiner Signature				Date Considered	

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		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			
	24	WO	0103609	A1	Tapic International Co., Ltd	01/18/2001	
	25	WO	9919005	A1	Ed Geistlich Soehne Ag fur chemische Industrie	04/22/1999	
	26	WO	9625961	A1	Peter Geistlich et al.	08/29/1996	
	27	WO	9814135	A1	Regents of the Univ. Of Minn.	04/09/1998	
	28	WO	93/10722	A3	Research Develop. Foundation	06/10/1993	
	29	WO	9522301	A1	Organogenesis, Inc.	08/24/1995	
	30	EP	1084686	A1	Tapic International Co., Ltd. et al.	03/21/2001	
	31	EP	0945145	A1	Tapic International Co., Ltd. et al.	09/29/1999	
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